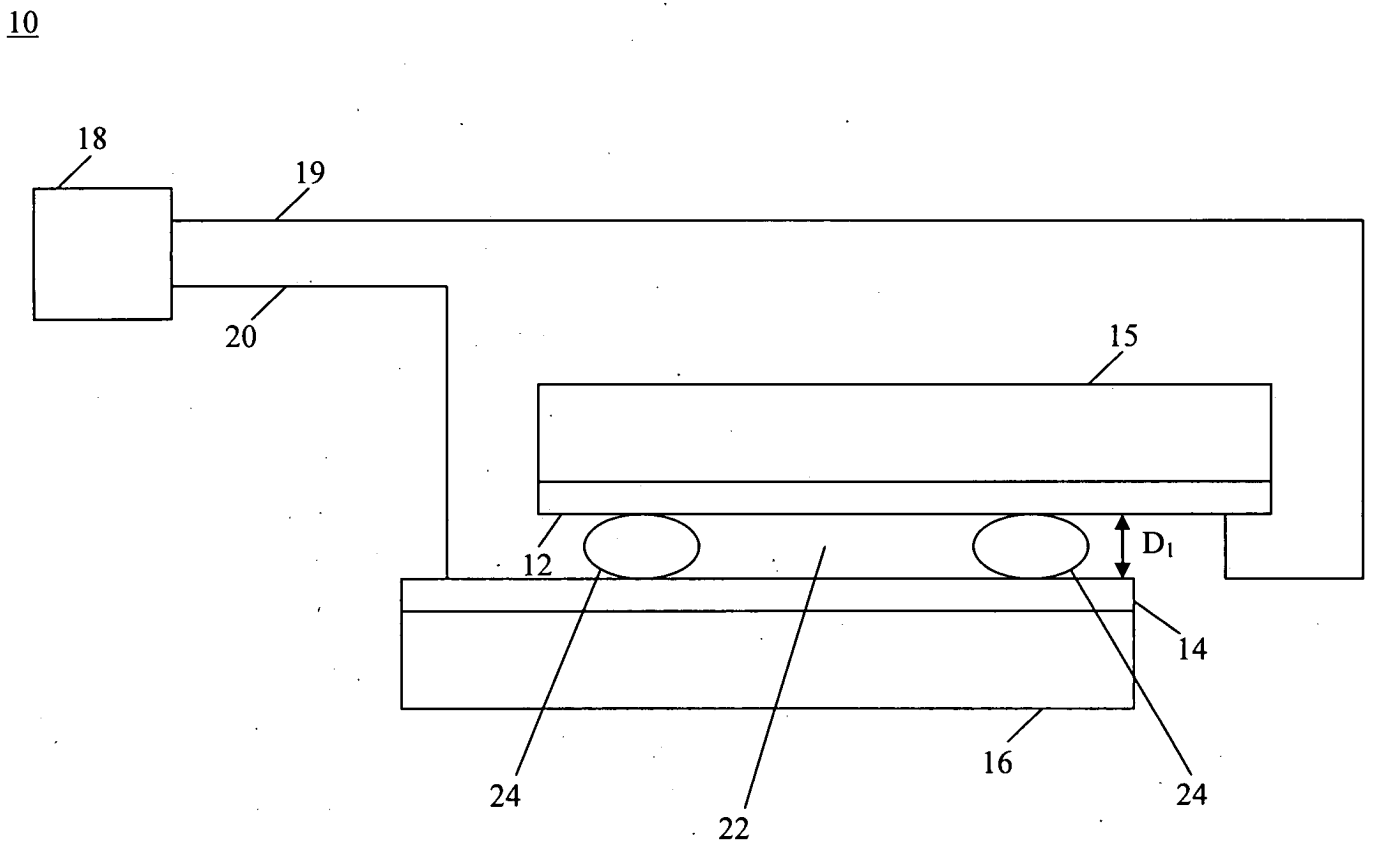

FIG. 1

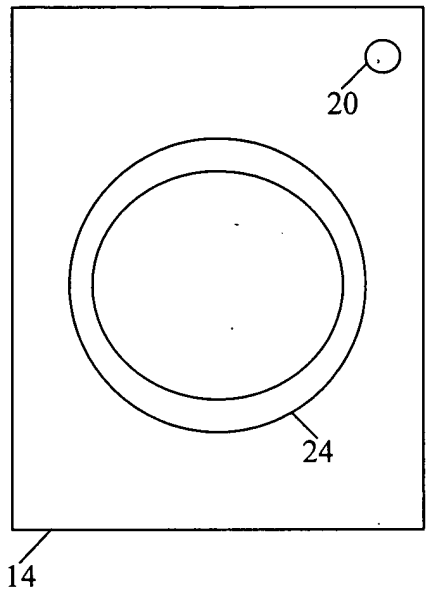

FIG. 2

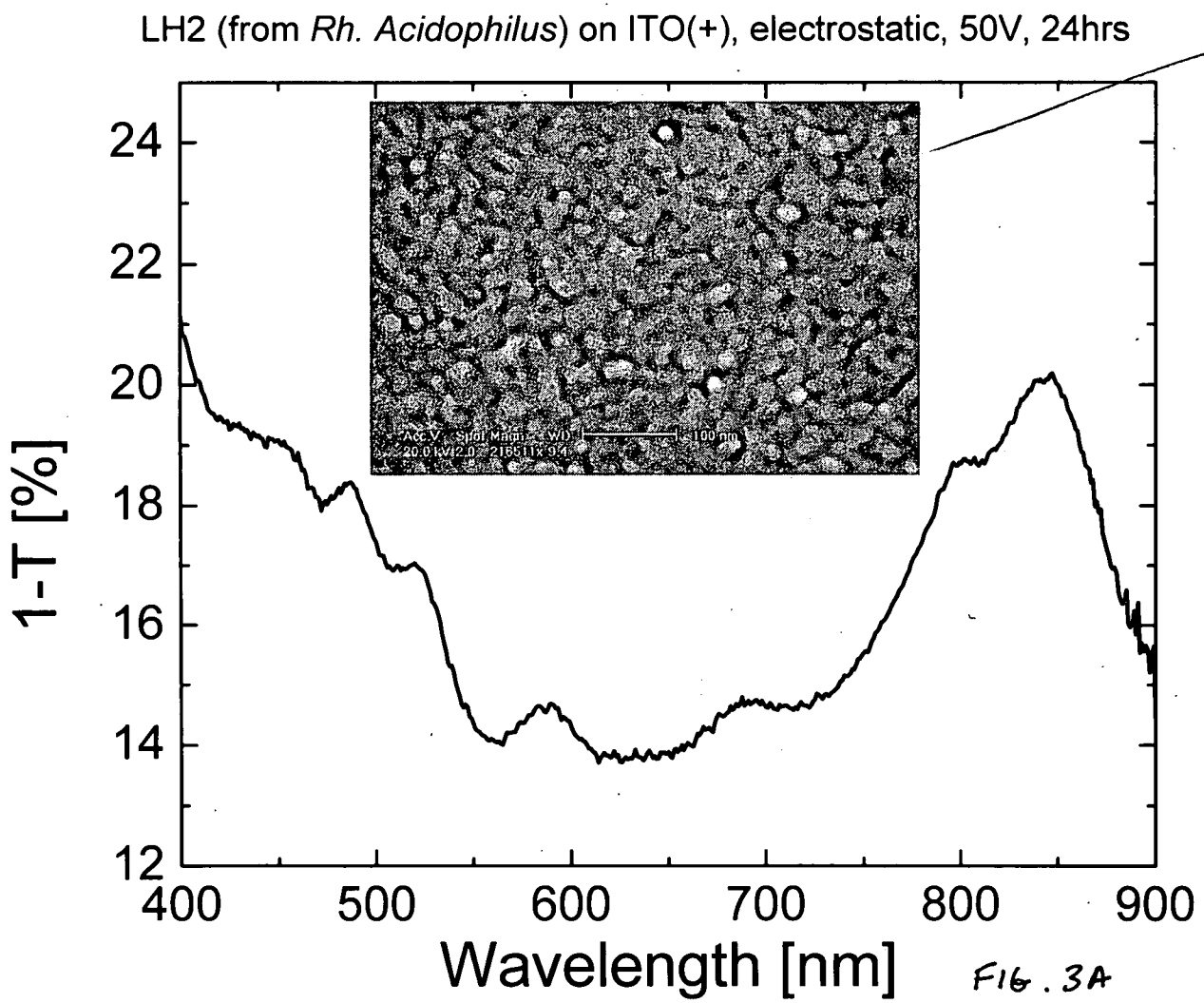

Fig. 1. Absorption spectrum of a film of LH2 from Rh. Acidophilus electrodeposited into ITO at 50V, ~1mm electrode separation (counter electrode=ITO), for 24hrs at room temperature. The absorption peaks at 800nm and 850nm are clearly visible, showing that the complexes are intact (the absorption of unassociated pigment molecules would be blueshifted). The inset is an SEM micrograph of the resulting film. We believe the 10nm-15nm sized features are the complexes of interest.